

Title (en)

Supported polyolefin catalyst for the polymerization of ethylene under high temperatures.

Title (de)

Trägerkatalysator für die Polymerisation von Äthylen bei hoher Temperatur.

Title (fr)

Catalyseur supporté pour la polymérisation de l'éthylène à température élevée.

Publication

EP 0133783 A1 19850306 (EN)

Application

EP 84305128 A 19840727

Priority

US 52039183 A 19830804

Abstract (en)

[origin: US4508844A] A catalyst component useful for (co)polymerizing ethylene under high temperatures and pressures comprising the reaction product obtained by treating a magnesium halide supported titanium halide precursor with transition-metal halide or oxyhalide, thoroughly washing the solid reaction product therefrom and prepolymerizing the washed solid product with an alpha-olefin having from 4-12 carbon atoms.

IPC 1-7

C08F 10/02; **C08F 4/64**

IPC 8 full level

C08F 4/00 (2006.01); **C08F 4/60** (2006.01); **C08F 4/62** (2006.01); **C08F 4/64** (2006.01); **C08F 10/00** (2006.01); **C08F 10/02** (2006.01)

CPC (source: EP US)

C08F 10/02 (2013.01 - EP US); **Y10S 526/904** (2013.01 - EP US)

Citation (search report)

- [X] EP 0024933 A2 19810311 - MITSUI PETROCHEMICAL IND [JP]
- [X] EP 0007800 A1 19800206 - TOA NENRYO KOGYO KK [JP]

Cited by

FR2685335A1; US5919877A; CN1108316C; EP0751155A3; WO9312149A1

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0133783 A1 19850306; **EP 0133783 B1 19890426**; AU 3160784 A 19850207; CA 1221082 A 19870428; DE 3477930 D1 19890601; JP S6060113 A 19850406; US 4508844 A 19850402

DOCDB simple family (application)

EP 84305128 A 19840727; AU 3160784 A 19840803; CA 460328 A 19840803; DE 3477930 T 19840727; JP 16374584 A 19840803; US 52039183 A 19830804